

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven P. Adams et al.
Serial No. : New Application
Filed : October 7, 2003
Title : CELL ADHESION INHIBITORS

Art Unit : Unknown
Examiner : Unknown
Confirmation No.: Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 35 USC §120, this application relies on the earlier filing dates of U.S. application serial no. 08/875,321, filed September 19, 1997, which is a 371 of PCT/US96/01349, filed January 18, 1996, which is a Continuation in Part of U.S. application, serial no. 08/376,372, filed January 23, 1995. The attached list of references were submitted to and/or cited by the Office in the prior applications and, therefore, are not provided in this application.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 10-7-03



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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14406-003006	Application No. New Application
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Steven P. Adams et al.		
		Filing Date October 7, 2003	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,725,583	02/16/1988				
	AB	4,826,815	05/02/1989				
	AC	5,260,277	11/09/1993				
	AD	5,314,902	05/25/1994				
	AE	5,434,188	07/18/1995				
	AF	6,306,840	10/23/01				
	AG	6,376,538	04/23/02				

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AH	EP 0 460 679	12/11/1991	Europe			
	AI	EP 0 519 748	12/23/1992	Europe			
	AJ	EP 0 565 896	10/20/1993	Europe			
	AK	WO 92 00995	07/09/1991	PCT			
	AL	WO 92 08464	11/14/1991	PCT			
	AM	WO 93 08823	11/06/1991	PCT			
	AN	WO 93 09795	05/27/1993	PCT			
	AO	WO 94 02445	07/26/1993	PCT			
	AP	WO 94 15958	01/07/1994	PCT			
	AQ	WO 94 23714	10/27/1994	PCT			
	AR	WO 95 15973	12/05/1994	PCT			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	Abraham, W.M., et al., "α4-Integrins Mediate Antigen-induced Late Bronchial Responses and Prolonged Airway Hyperresponsiveness in Sheep", J.Clin. Invest., 93, pp. 776-87 (1994).
	AT	Baldwin, J.E., et al., CA 108: 127408t, 1998.
	AU	Chen, S.T., et al., CA 115:159749r, 1991.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AV	Chisolm, P.L., et al., "Monoclonal Antibodies to the Integrin α -4 Subunit Inhibit the Murine contact Hypersensitivity Response," Eur. J. Immunol., 23, pp. 682-88 (1993).
	AW	Elices, M.J., et al., "Expression and functional Significance of Alternatively Spliced CS1 Fibronectin in Rheumatoid Arthritis Microvasculature," J. Chin. Invest., 93, pp. 405-16 (1994).
	AX	Ferguson, T.A., et al., "Two Integrin-binding Peptides Abrogate T Cell-Mediated Immune Responses in Vivo", Proc. Natl. Acad. Sci. USA, 88, pp. 8072-75 (1991).
	AY	Ferguson, T.A. and T.S. Kupper, "Antigen-Independent Processes in Antigen-Specific Immunity", J. Immunol., 150, pp. 1172-82 (1993).
	AZ	Greenstein et al., "Chemistry of the Amino Acids", John Wiley & Sons, New York, Vol. 2, p. 1162-1187
	AAA	Greenstein et al., "Synthesis and Activity of NacSerAspLysPro Analogues on Cellular Interactions Between T-Cell and Erythrocytes in Rosette Formation: J. Med. Chem. 1998, 33, 2122-2127.
	ABB	Goodman et al., "Synthesis and Conformation of Sequential Polypeptides of L-Alanine and Beta-Aminobutyric Acid", Macromolecules, 9:1-6, 1976.
	ACC	Gruszecki, W., et al., "Diacylamines – Perfect Acylating Agents for Peptide Synthesis", Liebigs Ann. Chem., pp 331-336, 1988.
	ADD	Helmer, M.E., "VLA Proteins in the Integrin Family: Structures, Functions, and their Role in Leukocytes", Ann. Rev. Immunol., 8, pp. 365-400 (1990).
	AEE	Jiang, J., et al., "Approaches Toward the Total Synthesis of Astins A, B, and C", Tet. Let., 35(14), pp 2121-2124, 1994.
	AFF	Jiang et al., "Synthesis and Conformation of Sequential Polypeptides of L-Alanine and Beta-Aminobutyric Acid", Tetrahedron Letters, 35:2121-4, 1994.
	AGG	Kim et al., "Inhibition of 123 I-Labeled Ristocetin Binding to Micrococcus Luteus Cells by the Peptides Related to Bacterial Cell Wall Mucopeptide Precursors: Quantitative Structure-Activity Relationships", J. Med. Chem., 1989, 32, 84-93.
	AHH	Komoriya, A., et al., "The Minimal Essential Sequence for a Major Cell Type-specific Adhesion Site (CS1) within the Alternatively spliced Type III Connecting Segment Domain of Fibronectin is Leucine-Aspartic Acid-Valine", J. Biol. Chem., 266, pp. 15075-79 (1991).
	AII	Lampi, K.J., et al., CA 118:73514t, 1993.
	AJJ	Lobb, R.R. and Hemler, M.E., "The Pathophysiologic Role of α 4 Integrins <u>In Vivo</u> ", J. Clin. Invest., 94, pp. 1722-28 (1994).
	AKK	Molossi, S., et al., "Blockade of Very Late Antigen-4 Integrin Binding to Fibronectin with Connecting Segment-1 Peptide Reduces Accelerated Coronary Arteriopathy in Rabbit Cardiac Allografts", J. Clin. Invest., 95, pp. 2601-10 (1995).
	ALL	Morales-Ducret, J., et al., " α 4/ β 1 Integrin (VLA-4) Ligands in Arthritis", J. Immunol., 149, pp. 1424-31 (1992).
	AMM	Nowlin, D.M., "A Novel Cyclic Peptide Inhibits α 4 β 1 and α 5 β 1 Integrin-mediated Cell Adhesion", J. Biol. Chem., 268, pp. 20352-59 (1993).
	ANN	Subasinghe et al., "Synthesis and Acyclic and Dehydroaspartic Acid Analogues of Ac-Asp-Glu-OH and Their Inhibition of Rat Brain N-Acetylated Alpha-Linked Acidic Dipeptidase (NAALA Dipeptidase)", Journal of Medicinal Chemistry, 33:2734-44, 1990.
	AOO	Thierry et al., "Synthesis and Activity of NacSerAspLysPro Analogues on Cellular Interactions between T-Cell and Erythrocytes in Rosette Formation", J. Med. Chem. 1990, 33, 2122-2127.

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	APP	Wayner, E.A. and Kovach, N.L., "Activation-dependent Recognition by Hematopoietic Cells of the LDV Sequence in the V Region of Fibronectin", J. Cell. Biol., 116, pp. 489-97 (1992).
	AQQ	Yednock, T.A., et al., "Prevention of Experimental Autoimmune Encephalomyelitis by Antibodies Against a4b1 Integrin", Nature, 356, pp. 63-66 (1992).
	ARR	
	ASS	

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